ABSTRACT

A starter for an internal combustion engine is provided which includes a pair of angular contact ball bearings used to support an armature shaft. The bearings are disposed close to opposed ends of a core of an armature. The core has disposed thereon coils which define a commutator on one of the ends of the core. One of the bearings is disposed within an inner periphery of the commutator. This structure results in a decreased interval between the bearings, thus ensuring stability in supporting the armature shaft during rotation, which results in decreased mechanical vibrations, magnetic noises, and wear of the bearings.